

AFEE/SSD/SBR/55/16-17 01/29-6-2017

No. **1st & FINAL BILL** Original/Duplicate/Triplicate
Division **DD** **CONTRACT CERTIFICATE** Date :
(For Other Works)
Sub-Division
Bill Received No. **22-211** Dated **20-06-2016** Cash Book Voucher No. Dated :
Scheduled Doctet No. Head of Account :
Name of work (as per sanctioned estimate) **MODIFIED ESTIMATED FOR ASPHALTING TO MAIN & CROSS ROADS SMR LAYOUT THAMMISH GARDEN, VENKATESHWARA LAYOUT, IN WARD NO.12, OF SHETTYHALLI SUB DIVISION**
Name of Contractor and Full Address **TECHNICAL MANGER (WEST), KRIDL**
Reference to Agreement No. **EE/DD/WO/ 442 / 2012-13** Date: **08-03-2013**

Certified that the measurements were taken by me on **29/6/2016** and recorded in pages **178944-950** of measurements Book No **1789/13-14** and that the work is satisfactorily executed.

Contractor **EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010** Officer - in - charge of work
Certified that the measurements were checked by me on **29/6/2016** and found correct. The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment		JOB NO : 12-13-000023	Sub - Division Officer
			AMOUNT
1.	Total value of work done or supplies made as per account.		
2.	Deduct amount to be held in reserve being percent Rs.		
3.	- do - Balance	1st and final bill → 4940995.00	
4.	Deduct Payments :		
a)	Amount of previous payment as in the Office Cash Book Voucher	TI → 98816.00	
	No..... Dated S.D. No.	VAT → 197632.00	
	Amount adjusted towards cash advance recovery of	FD → 247040.00	
b)	Payments cost store or other materials supplied.	LR → 59820.00	
5.	Balance being unpaid value of work done held in reserve	CBF → 4941.00	
6.	Deduct cash advance made on the office Cash Book Vehicle No.	LWC → 49408.00	
	dated less adjustments	Total → 657657.00	
7.	Net amount due to or from contractor		
	Unadjusted items		
8.	Advance to contractor for materials brought to site (as detailed) within value of		
	Government materials supplied.		
		Total amount adjusted --	4283138.00

Received Rs. (in words)
..... by cash and by adjustment of
Payment as per memorandum.
Witness : (In final settlement of all demand)
Date
Signature of Contractor
Paid by me by cheque No..... Dated
Cash Rs. Dated
Initials of Officer making payment dated

(For use in the Office)
EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010
Audited and admitted for Rs. **4940995.00**
Passed by **4283138.00**
by **657657.00**
Executive Engineer
B.B.M.P. Dasarahalli Division

Items of work (grouped under sub-heads the sub works of the estimate)		Unit	Previous Measurement		Present Measurement		Total Up-to-date		Remarks	
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty		Cost
1	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum			961.05	90.72	87186.00	961.05	87186.00	
2	Construction of granular sub-baseby providing close graded material, mixing in a mechanical mix plant at OMC , carriage of mixed Material to work site, spreading in uniform layers with mortor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specification. A.Plant Mix Method. Close graded granual sub-base material as per 400-1 For Grading - I Material. MORTH Chapter 4	Cum			480.53	1060.56	509631.00	480.53	509631.00	
3	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.	Cum			640.70	1121.04	718250.00	640.70	718250.00	
4	Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per specifications	Sqm			3203.50	44.28	141851.00	3203.50	141851.00	
5	Cleaning the existing Black topped surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air, to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specification	Sqm			5496.70	2.59	14236.00	5496.70	14236.00	
6	Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications	Sqm			5496.70	17.93	98556.00	5496.70	98556.00	
7	Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1 km including cost of all materials, labour, HOM of machineries complete as per specification. MORTH Chapter 5 with 60/70 grade bitumen	Cum			160.18	6733.80	1078620.00	160.18	1078620.00	
8	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.8 complete in all respects as per specifications .25-30mm compacted thickness with 5% bitumen 80/100 grade using 40-60 HMP (Grading II) (	Cum			168.92	10436.00	1762849.00	168.92	1762849.00	
9	Carriage of mixed materials 10 Kms, For items of Sl.no 1.c) rs. 5.2p er Cum/km	Cum			313.73	56.16	17619.00	313.73	17619.00	
10	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a)Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 Rs. 2.00 Tonne/Km b)Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c)Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20	Cum			914.00	72.71	66457.00	914.00	66457.00	
Sub Total							4495255.00		4495255.00	
Add : KRIDL Service Charges 11%							494478.00		494478.00	
Total							4989733.00		4989733.00	

CERTIFICATE:

- 1 Work done is satisfactory
- 2 There are no departmental issues made to the contractor
- 3 The contractor has cleared all debris from work spot

Paul N.K.
A.E.N-12

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ಶಿಬಿರ ಕುಲಕರ್ಣಿ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ಛಾವಿಂಧ್ರನಗರ, ಬೆಂಗಳೂರು